

## WISE: The Wide-field Infrared Survey Explorer

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The Wide-field Infrared Survey Explorer (WISE, formerly known as NGSS) is a Medium Explorer currently in extended Phase A study, with launch planned for 2008. WISE will map the entire sky with a sensitivity hundreds of thousands of times better than COBE at 3.5 and 4.7 microns, and up to a thousand times better than IRAS at 12 and 23 microns. WISE will discover objects ranging from the nearest stars to the most luminous galaxies, define the framework for the James Webb Space Telescope (JWST), and provide a scientific legacy that endures for decades.